

ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
					-1	1	FRAME	6061/7075		2
			1		-3		TOP BOLT TAB	1018/1020/1025 CR		3
			Χ		-5	1	TOP BOLT WELDMENT			4
			1		-5A		ALL THREAD	STEEL	3/8-24 (McMaster#90322A131) MODIFIED	5
				B/O	-6	2	TUN MAL	STEEL	3/8-24, GRADE 8 (MCMASTER-CARR #93839A815)	1
				B/O	-6A	2	FLAT WASHER	STEEL	Ø3/8 (MCMASTER-CARR #90108A417)	1
		Χ			-7	1	PIVOT BAR WELDMENT			6
		1			-7A		PIVOT BAR TAB	1018/1020/1025 CR		7
		1			-8		TUBE	A513 TYPE 5 DOM TUBING		8
	1				-9		EXTENSION	A513 TYPE 5 DOM TUBING		9
	Х				-9A	2	EXTENSION ASSEMBLY			10
1	1			B/O	-10		SOCKET HEAD SET SCREW	STEEL	7/16-24 X 1-1/2 (MCMASTER-CARR #91375A673)	10 & 12
1					-11		WEIGHT	BRASS 360		11
X					-11A	1	WEIGHT ASSEMBLY			12
				B/O	-12	1	SOCKET HEAD SHOULDER BOLT	STEEL	1/4-20 X 7/16, Ø5/16 X 1 SHOULDER (MCMASTER-CARR #91259A583)	1
				B/O	-12A	1	NYLON LOCK NUT	STEEL	1/4-20 (McMaster#97135A210)	1
				B/O	-13	1	QUICK RELEASE PIN	S.S.	Ø1/4 X 1 (McMaster#98404A959)	1
				B/O	-14	1	QUICK RELEASE PIN	S.S.	Ø5/16 X 1 (McMaster#98404A250)	1
					-15	1	CLEVIS BRACKET	6061/7075		13
					-16	1	INDICATOR BRACKET	6061/7075		14
				B/O	-17	2	SOCKET HEAD SET SCREW (DOG POINT)	S.S.	#10-24 X 1/2 (MCMASTER-CARR #92845A245)	1
				B/O	-18	1	HOSE CLAMP	S.S.	Ø3-1/16 TO Ø4 X 1/2 (MCMASTER-CARR #5416K41)	1
				B/O	-19	1	1 in. DIAL INDICATOR		(McMaster#20715A69) <u>(</u>	15
				B/O	-21	1	FLAT BACK FOR DIAL INDICATOR		FOR AGD GROUP 2 DIAL INDICATOR (MCMASTER-CARR #20625A914)	1
				B/O	-23	1	LARGE PISTOL CASE	PLASTIC	(RSR GROUP #10164)	N/S
ASSY -1A	ASSY -9A	ASSY -7	ASSY -5	В/О	DAMP ER					

REV	ECR	REVISIONS DESCRIPTION	DATE	INITIAL	APPROVED
1	LCK	-10 WAS CUT STUDS; -16 TOLERANCE REDUCED TO ENSURE CLEARANCE FOR DIAL INDICATOR,	8/17/2000	INITIAL	AFFROVED
2		CUT-1 FRAME BACK TO .375 NEXT TO Ø5/16 HOLE FOR CLEARANCE.	10/30/2001	-	ļ
_		CHANGED -1 SCREW HOLE FROM "REAM TO .3125"; -11 ADDED MACHINE TO WEIGHT & SEE TESTING	10/30/2001	-	<u> </u>
3		& ENGRAVING; ALSO CREATED A TESTING & WEIGHT CERTIFICATION DWG.	8/16/2007	WP	RW
4		COMBINED NINE FILES INTO ONE; INSTALLED NEW TITLE BLOCK, BOM, & REV. TABLE; CREATED CUSTOMER NEW DWG'S; SEPARATED -5 THREADED ROD & -5 TOP BOLT TO -5 TOP BOLT WELDMENT & -5a all thread; Separated -7 tab & -7 pivot bar weldment & -7a pivot bar weldment & -7a pivot bar tab; Changed -12 Ø5/16x1 PIN TO -12 SCREW & -12a NYLOCK NUT; CHANGED STAKE OR PIN -10 TO USE LOCTITE 609.	11/29/2007	WP	RW
5		ADDED SUPPORT SUPPORT WEIGHT NOTE TO CUSTOMER INSTRUCTIONS, AND -9 MUST REMAIN LEVEL TO TESTING INSTRUCTIONS. PER DAVE'S NOTES.	11/29/2007	WP	DW
6		CHANGED -1 PIVOT HOLE FROM Ø.257 TO Ø5/16 REAMED; -7g PIVOT HOLE FROM Ø.257 TO Ø5/16 REAMED; AND -12 FROM SOCKET HEAD CAP SCREW 1/4-20 X 1-1/2 TO SOCKET HEAD SHOULDER BOLT Ø5/16 X 1. APPLIED PHANTOM BOXES TO PARTS FOR CLARITY. UPDATED CUSTOMER DWGS.	6/17/2009	WP	G.E.
6A		CORRECTED DIM P/N -5a FROM 1/2-24 UNF.	7/30/2009	RJC	
7		CH'D P/N -10 SETSCREW DEPTH TO .75 PER G.E.	9/28/2009	RJC .	
8		CHANGED INSIDE HOLE ON -7A FROM Ø.313 TO REAM Ø.3125. ALSO CORRECTED ERROR IN BOM, - 14 WAS REED #FPSC-4-10, NOW #FPSC-5-10R.	9/28/2009	WP	
A8		CH'D Ø.375 REAMED TO THRU PER G.E.	8/24/2010	WP	G.E.
8B		ADDED CUSTOMER INFO TO MANUFACTURING DWGS, PER R.W.	11/2/2010	RJC	RW
8C		ADDED -19 TO SHOW MODIFICATION OF DIAL INDICATOR AND MOUNTING PER R.W.	7/12/2011	RJC	RW
8D	-	CH'D TITLEBLOCK TOLERANCES FROM .XXX ±.005 & .XX ±01 PER.G.E.	2/15/2012	RJC	RW
9		MOVED ALL PARTS TO SEPARATE SHEETS1 ADDED Ø.25 TOOLING HOLE16 ADDED R.25 LEFT .30 DIM TO THEORETICAL POINT.	8/7/2013	RJC	DW
10		UPDATED TO NEW STANDARDS, ADDED CALIBRATION NOTE: -1 'CH'D DIMS WAS Ø.375 THRU IS Ø.375 \\ \tilde{\Omega} \tau_1.00, WAS REAM Ø.3125 IS Ø.3152-3192 THRU ALL (S.F12), WAS 1.00 IS 2X 1.00, WAS (1.05) IS .13. \\ -3 CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIM WAS Ø.250 S.F13 IS Ø.250-254 THRU ALL (S.F13)5A CH'D DIMS WAS 3/8-24 UNF IS (3/8-24 UNF-2A), WAS 3.625 IS 3.63. ADDED B/O \\ #92580A1096 ADDED B/O #93939A8156A ADDED B/O #90108A4177 DELETED SAND TO FIT CALLOUT7A CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIMS WAS Ø.313 S.F14 IS Ø.3125-3165 \\ \text{THRU ALL (S.F14). WAS REAM Ø.313 IS Ø.3152-3192 THRU ALL (S.F12), WAS .310 IS .310 +.000010 (S.F8), WAS .500 IS 2X .5008 ADDED RADIUS TO END OF SLOT. CH'D DIMS WAS 1.88 WALL IS .19. \\ \text{WAS .315 SLOT S.F7A IS .315 +.010000 (S.F7A)9 CH'D DIM WAS .188 WALL IS .199A ADDED TO BOM10 ADDED B/O #91375A67311 REMOVED RS LOGO, ACTUAL WEIGHT, AND OPERATORS INITIALS FROM ENGRAVE NOTE11A ADDED TO BOM12A ADDED B/O #95615A12015 CH'D DIM WAS R.12S IS FULL R15 CH'D DIMS WAS R.12S IS FULL R18 CH'D DIMS	8/4/2016	DPD	JAG
11	17-0069	-9A CH'D LOCTITE NUMBER WAS 609 IS 26211 CORRECTED SPELLING ON ENGRAVING WAS "CALIBRATIED" IS "CALIBRATED"11A CH'D LOCTITE NUMBER WAS 609 IS 26219 WAS MODIFIED IS B/O. DELETED DWG21 ADDED TO BOM QTY 123 ADDED TO BOM QTY 1.	3/22/2017	DPD	JAG
Q	19-595	ITEM -8 MATERIAL WAS CDS IS A513 TYPE 5 DOM TUBING, DIMENSION WAS .315 +.010/-0 IS .323, DIMENSION WAS .19 IS .188, ITEM -9 MATERIAL WAS CDS IS A513 TYPE 5 DOM TUBING, FINISH SPEC CHANGED, DIMENSION WAS .19 IS .188, -11 MATERIAL WAS BRASS IS BRASS 360, ITEM -5A MATERIAL WAS MCMASTER-CARR #92580A109 IS McMoster#90322A131, ITEM -12A MATERIAL WAS MCMASTER-CARR #92580A109 IS McMoster#97135A210, ITEM -13 MATERIAL WAS ESSENTRA COMPONENTS #FPSC4-10R IS McMoster#97135A210, ITEM -13 MATERIAL WAS ESSENTRA COMPONENTS #FPSC4-10R IS McMoster#98404A295, ITEM -14 MATERIAL WAS ESSENTRA COMPONENTS #FPSC4-10R IS McMoster#98404A250, ITEM -14 FINISH WAS ESSENTRA COMPONENTS #FPSC4-10R IS MCMOSTER#98404A250, ITEM -14 MATERIAL WAS ESSENTRA COMPONENTS #FPSC4-10R IS MCMOSTER#98404A250, ITEM -14 MATERIAL WAS ESSENTRA WAS ENDER WAS	2/19/2019	VM	VM

- NOTE: 1) CALIBRATED UPON CUSTOMER REQUEST.
- 2) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM -12 THEN ASSEMBLE WITH ITEM -12A AND REMOVE EXCESS

5

- 3) TORQUE ITEM -12A TO 60-85 IN-LBS
- 4) INSTALL ITEM -17 HAND TIGHT
- 5) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DART

M/R DAMPER LOAD TEST DEVICE

DWG NO. RBT18520 UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED

XXX ± .005 FRACTIONS ± 1/8

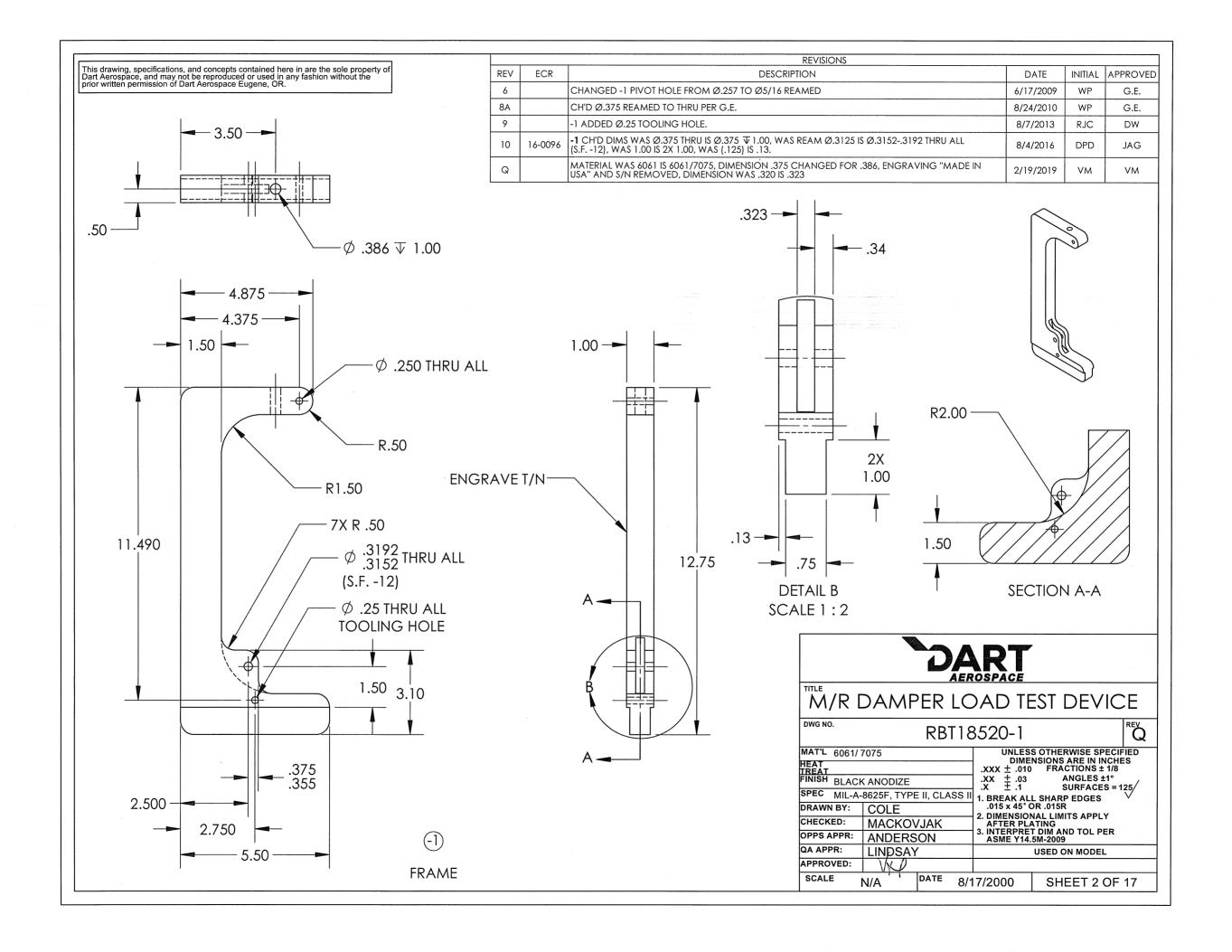
XX + .01 ANGLES ±1°

X ± .1 SURFACES = 125/

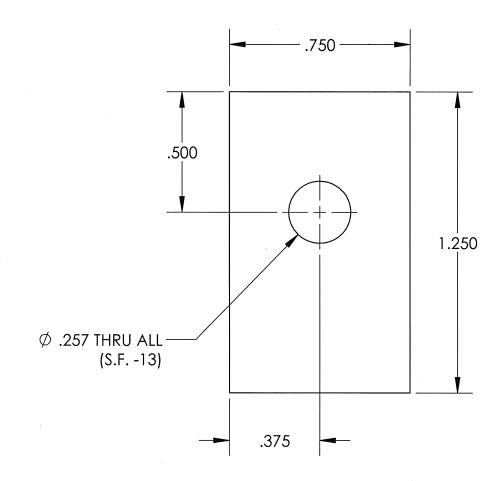
1. BREAK ALL SHARP EDGES

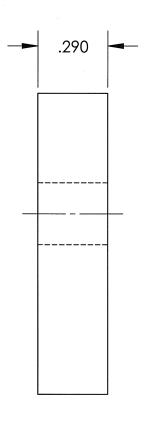
.015 x 45° OR .015R

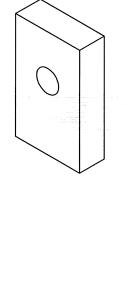
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 DRAWN BY: COLE
CHECKED: MACKOVJAK OPPS APPR: ANDERSON QA APPR: QA APPR: LINDSAY
APPROVED: USED ON MODEL SCALE N/A | DATE 8/17/2000 | SHEET 1 OF 17



		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
10	16-0096	-3 CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIM WAS Ø.250 S.F13 IS Ø.250254 THRU ALL (S.F13).	8/4/2016	DPD	JAG
Q		HOLE .254/.250 CHANGED FOR .257, MATERIAL WAS 1018/1020 CR IS 1018/1020/1025 CR	2/19/2019	VM	VM







TILE

AA/P DAMPER LOAD T

M/R DAMPER LOAD TEST DEVICE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±1°
.X ± .1 SURFACES = 125/
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

CHECKED: MACKOVJAK

OPPS APPR: ANDERSON

QA APPR: LINDSAY

C. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PEI
ASME Y14.5M-2009

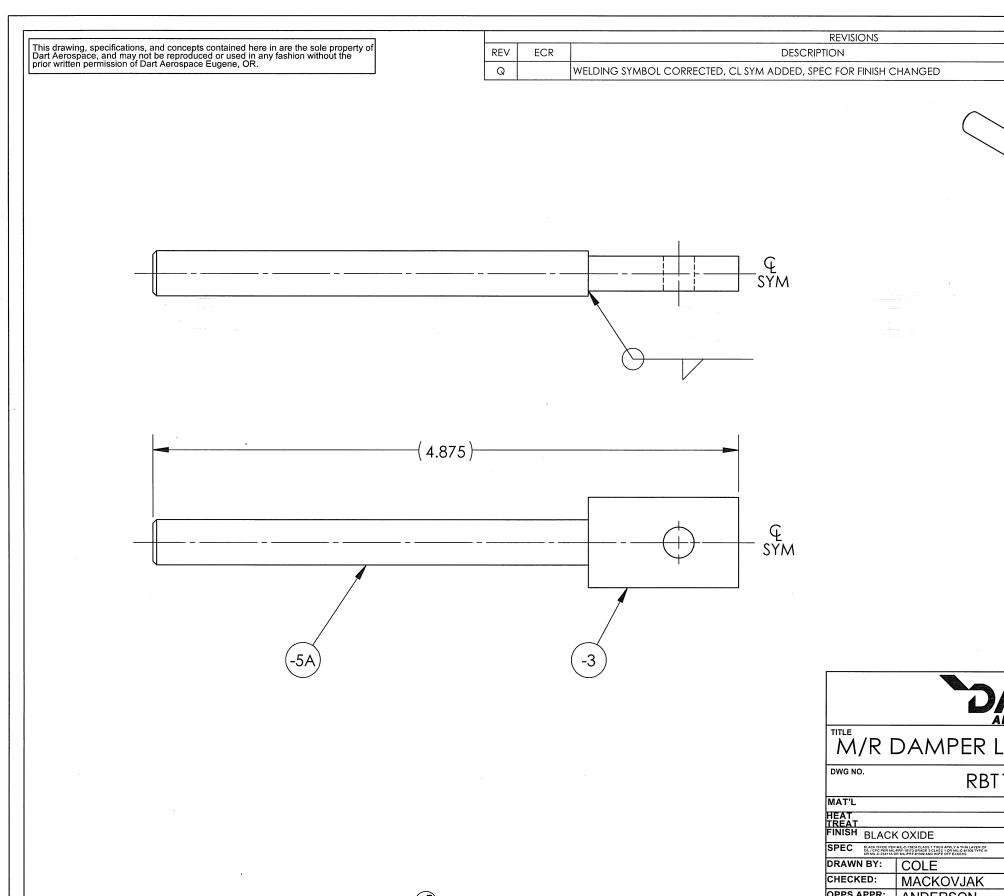
USED ON MODEL

SCALE N/A DATE 8/17/2000

SHEET 3 OF 17

-3

TOP BOLT TAB



TOP BOLT WELDMENT



DATE

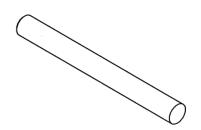
2/19/2019

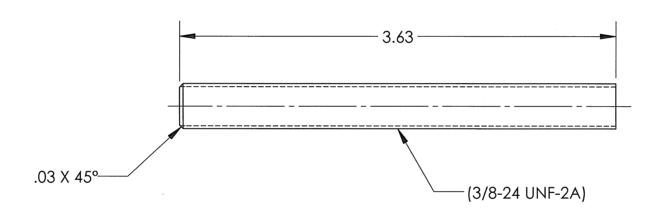
INITIAL APPROVED

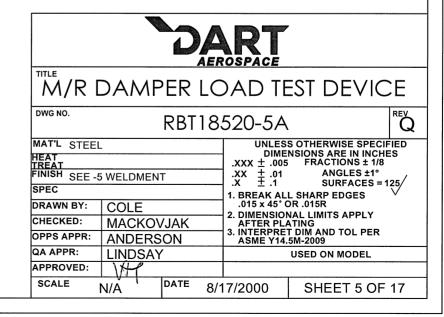
VM

VM

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6A		CORRECTED DIM P/N -5a FROM 1/2-24 UNF.	7/30/2009	RJC	-
10	16-0096	-5A CH'D DIMS WAS 3/8-24 UNF IS (3/8-24 UNF-2A), WAS 3.625 IS 3.63.	8/4/2016	DPD	JAG
Q		McMaster# CHANGED	2/19/2019	VM	VM



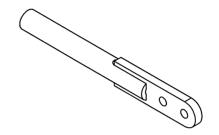


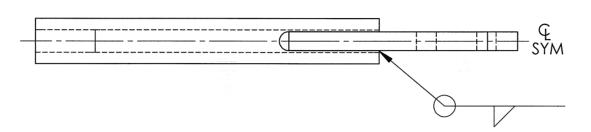


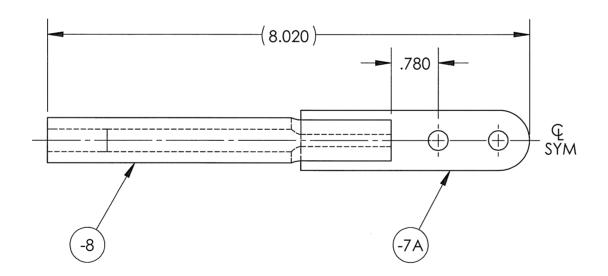


ALL THREAD

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
10		-7 DELETED SAND TO FIT CALLOUT.	8/4/2016	DPD	JAG
Q		WELDING SYMBOL CORRECTED, FINISH SPEC CHANGED, CL SYM SYMBOL ADDED	2/19/2019	VM	VM









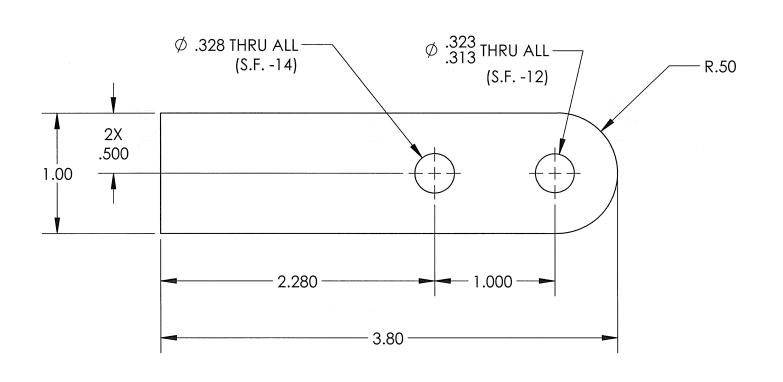
M/R DAMPER LOAD TEST DEVICE

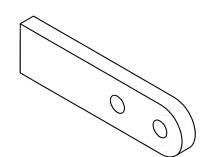
DWG NO. RBT18520-7 UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±1°
.X ± .1 SURFACES = 125/
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 MAT'L HEAT TREAT FINISH BLACK OXIDE SPEC BLACK GUIDE FER MIL-CHISDY CLASS 1 THEN APPLY A THIN LAYER OF OLL/CHO FER MIL-PRE-18175 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-32411A OR MIL-PRE-81309 AND WIPE OFF EXCESS DRAWN BY: COLE CHECKED: MACKOVJAK OPPS APPR: ANDERSON QA APPR: LIŅDSAY USED ON MODEL APPROVED: DATE 8/17/2000 SCALE SHEET 6 OF 17

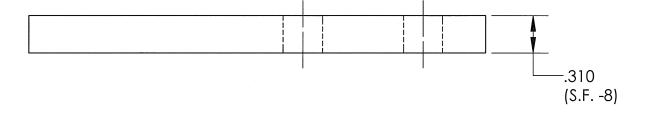
(-7)

PIVOT BAR WELDMENT

	REVISIONS							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
10	16-0096	-7A CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIMS WAS Ø.313 S.F14 IS Ø.31253165 THRU ALL (S.F14). WAS REAM Ø.313 IS Ø.31523192 THRU ALL (S.F12), WAS .310 IS .310 +.000010 (S.F8), WAS .500 IS 2X .500.	8/4/2016	DPD	JAG			
Q		DIMENSION WAS .3192/.3152 IS .323/.313, DIMENSION WAS .3165/.3125 IS .328, MATERIAL WAS 1018/1020 CR IS 1018/1020/1025 CR, DIMENSION WAS .310 +0/010 IS .310	2/19/2019	VM	VM			









M/R DAMPER LOAD TEST DEVICE

RBT18520-7A MAT'L 1018/1020/1025 CR
HEAT
TREAT
FINISH SEE -7 WELDMENT

Wil

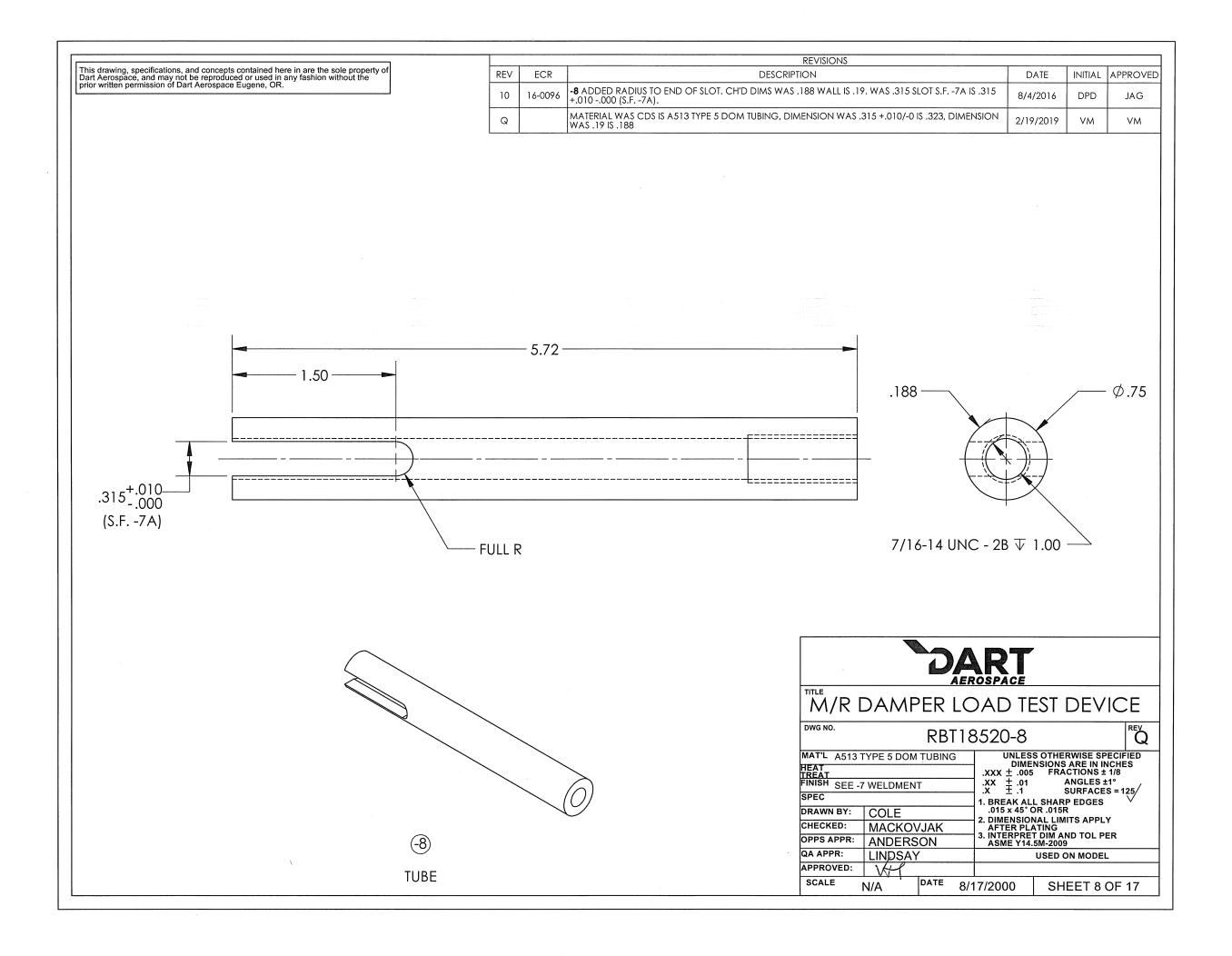
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±1°
.X ± .1 SURFACES = 125/
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 SPEC DRAWN BY: COLE CHECKED: MACKOVJAK OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL

APPROVED: SCALE N/A

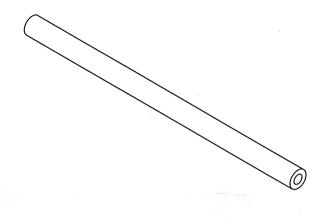
DATE 8/17/2000

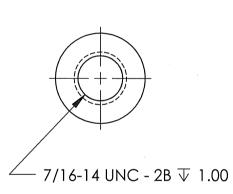
SHEET 7 OF 17

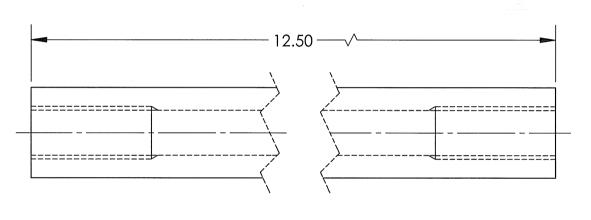
PIVOT BAR TAB

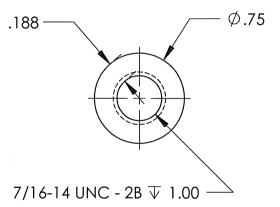


		revisions			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
10	16-0096	-9 CH'D DIM WAS .188 WALL IS .19.	8/4/2016	DPD	JAG
Q		MATERIAL WAS CDS IS A513 TYPE 5 DOM TUBING, DIMENSION WAS .19 IS .188, FINISH SPEC CHANGED	2/19/2019	VM	VM









M/R DAMPER LOAD TEST DEVICE

RBT18520-9

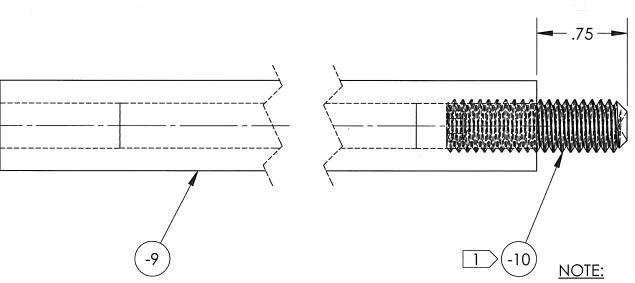
SHEET 9 OF 17

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ±1°
.X ± .1 SURFACES = 125/
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 MAT'L A513 TYPE 5 DOM TUBING HEAT TREAT FINISH BLACK OXIDE SPEC BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OLL/CPC PER MIL-PER-16173 ORADE 3 CLASS 1 OR MIL-C-1309 TYPE III OR MIL-C-234114 OR MIL-PER-1309 AND WIPE OFF EXCESS DRAWN BY: COLE CHECKED: MACKOVJAK OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL APPROVED: DATE 8/17/2000 SCALE

EXTENSION

-9

	-	REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
7		CH'D P/N -10 SETSCREW DEPTH TO .75 PER G.E.	9/28/2009	RJC	-
10	16-0096	-9A ADDED TO BOM.	8/4/2016	DPD	JAG
11	17-0069	-9A CH'D LOCTITE NUMBER WAS 609 IS 262.	3/22/2017	DPD	JAG
Q		NOTE 1 CHANGED	2/19/2019	VM	VM



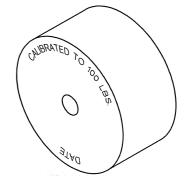
1) APPLY RED THREADLOCKER LOCTITE 263/262
ON THREADS OF ITEM -10 THEN ASSEMBLE
WITH ITEM -9 AND REMOVE EXCESS,
ALLEN HEAD IN

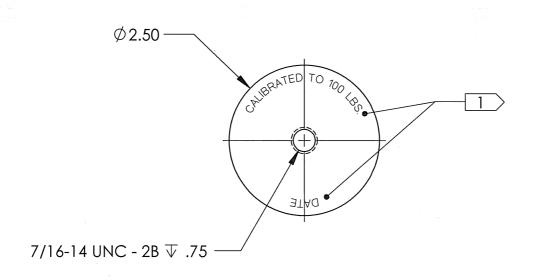
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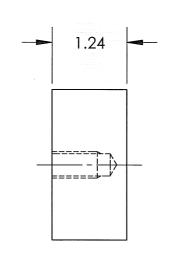
(-9A)

EXTENSION ASSEMBLY

	REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
10	16-0096	-11 REMOVED RB LOGO, ACTUAL WEIGHT, AND OPERATORS INITIALS FROM ENGRAVE NOTE.	8/5/2016	DPD	JAG		
11	17-0069	-11 CORRECTED SPELLING ON ENGRAVING WAS "CALIBRATIED" IS "CALIBRATED".	3/22/2017	DPD	JAG		
Q		MATERIAL WAS BRASS IS BRASS 360	2/19/2019	VM	VM		







NOTE

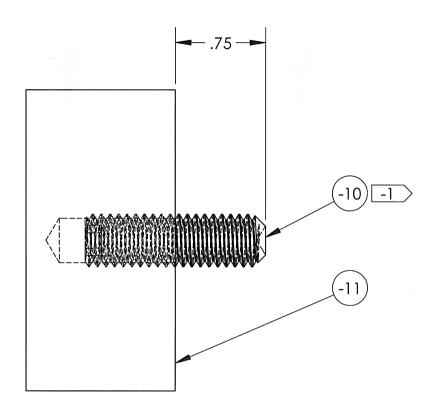
1) AFTER WEIGHT CERTIFICATION, ENGRAVE THIS SIDE WITH "CALIBRATED TO 100 lbs." & DATE.

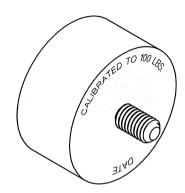
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(-11)

WEIGHT

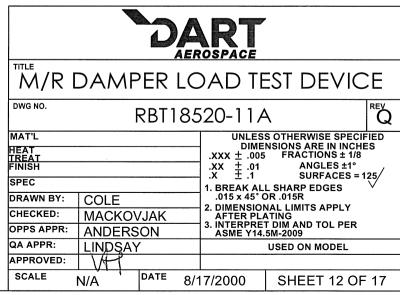
		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
7		CH'D P/N -10 SETSCREW DEPTH TO .75 PER G.E.	9/28/2009	RJC	-
10	16-0096	-11A ADDED TO BOM.	8/5/2016	DPD	JAG
11	17-0069	-11A CH'D LOCTITE NUMBER WAS 609 IS 262.	3/22/2017	DPD	JAG
Q		NOTE 1 CHANGED	2/19/2019	VM	VM





NOTE:

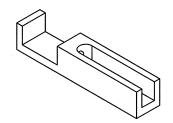
1) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM -10 THEN ASSEMBLE WITH ITEM -9 AND REMOVE EXCESS, ALLEN HEAD IN

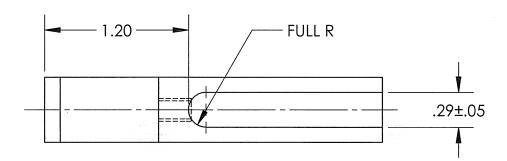


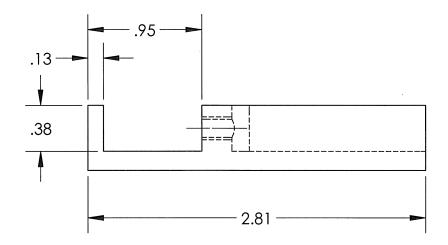


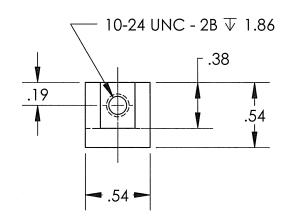
WEIGHT ASSEMBLY

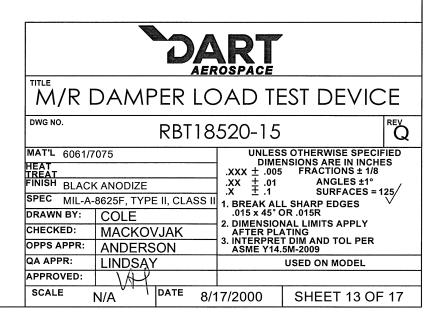
		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
10	16-0096	-15 CH'D DIMS WAS R.125 IS FULL R, WAS 10-24 UNC IS 10-24 UNC-2B ▼1.86.	8/5/2016	DPD	JAG
Q		MATERIAL WAS 6061 IS 6061/7075	2/19/2019	VM	VM





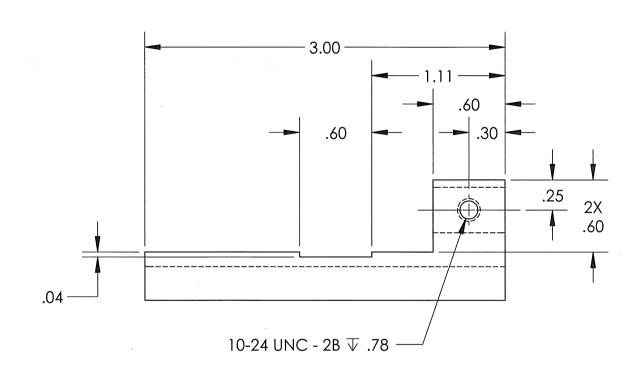


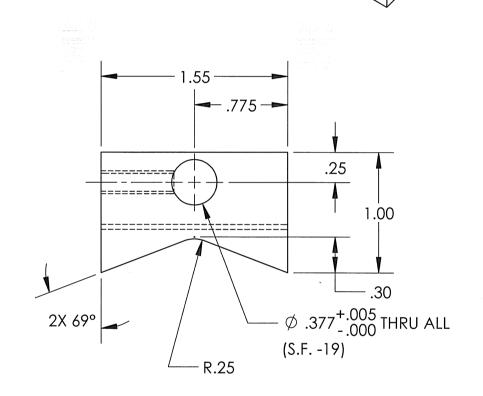


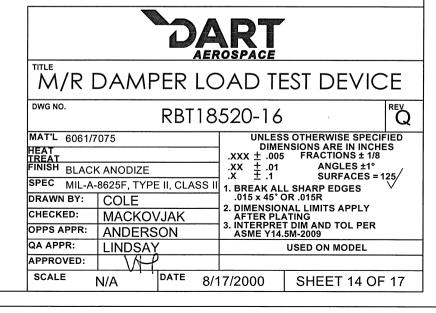




		revisions	_		
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
9		-16 ADDED R.25 LEFT .30 DIM. TO THEORETICAL POINT.	8/7/2013	RJC	DW
10		-16 CH'D DIMS WAS .60 IS 2X .60, WAS 2X .775 IS .775.	8/5/2016	DPD	JAG
Q		MATERIAL WAS 6061 IS 6061/7075, DIMENSION .375 CHANGED FOR .377 +.005/-0	2/19/2019	VM	VM

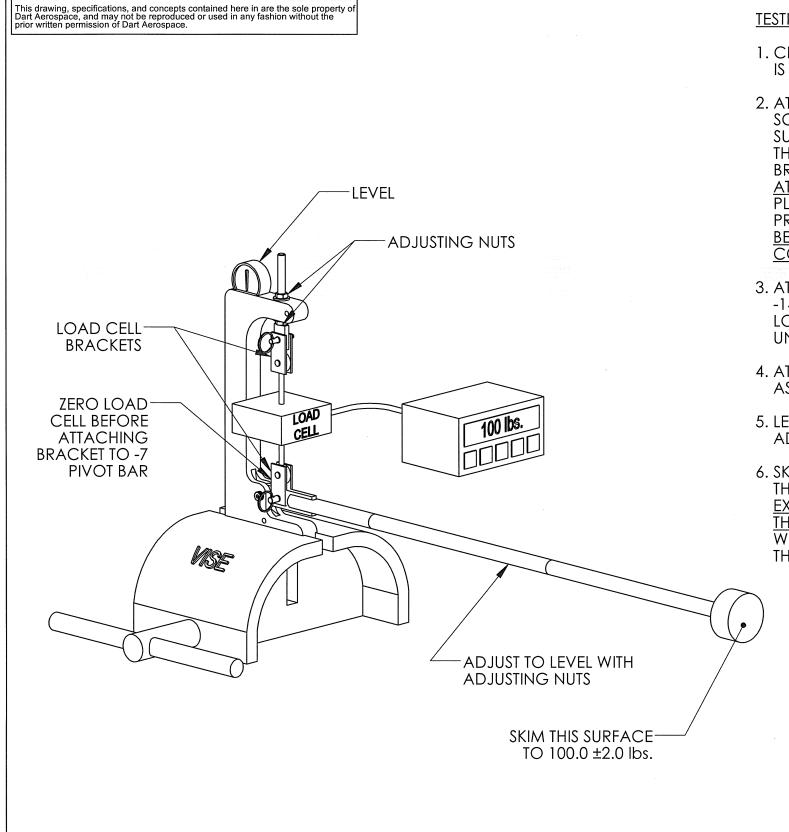






(-16)

INDICATOR BRACKET



TESTING PROCEDURES:

- 1. CLAMP UNIT IN VISE AS SHOWN, BE SURE UNIT IS LEVEL.
- 2. ATTACH THE LOAD CELL TO THE TOP ADJUSTING SCREW WITH BRACKETS AND SCREWS. MAKE SURE THAT THE LOAD CELL IS ALIGNED WITH THE ADJUSTING SCREW. ATTACH THE BOTTOM BRACKETS TO THE LOAD CELL, BUT DO NOT ATTACH THE BRACKETS TO THE -7 PIVOT BAR. PLUG THE LOAD CELL INTO THE DISPLAY AND PROPERLY PROGRAM THE DISPLAY.

 BE SURE TO ZERO THE LOAD CELL BEFORE CONTINUING.
- 3. ATTACH THE LOAD CELL BOTTOM BRACKETS WITH -14 PIN TO THE -7 PIVOT BAR, BE SURE THAT THE LOAD CELL IS ALIGNED WITH THE CENTER LINE OF UNIT.
- 4. ATTACH TWO -9A EXTENSIONS AND ONE -11A WEIGHT ASSEMBLY AS SHOWN.
- 5. LEVEL -9A EXTENSION ASSEMBLIES AND WEIGHT BY ADJUSTING THE TOP BOLT ADJUSTING NUTS.
- 6. SKIM THE FRONT FACE OF -11 BRASS WEIGHT UNTIL THE LOAD CELL REGISTERS 100.0 ±2.0 lbs. THE -9A EXTENSION ASSEMBLIES MUST REMAIN LEVEL THROUGH THIS PROCESS. WHEN -11 HAS REACHED IT'S PROPER WEIGHT, THE UNIT IS CALIBRATED. BE SURE TO ENGRAVE THE PROPER INFORMATION ON THE -11 BRASS WEIGHT.

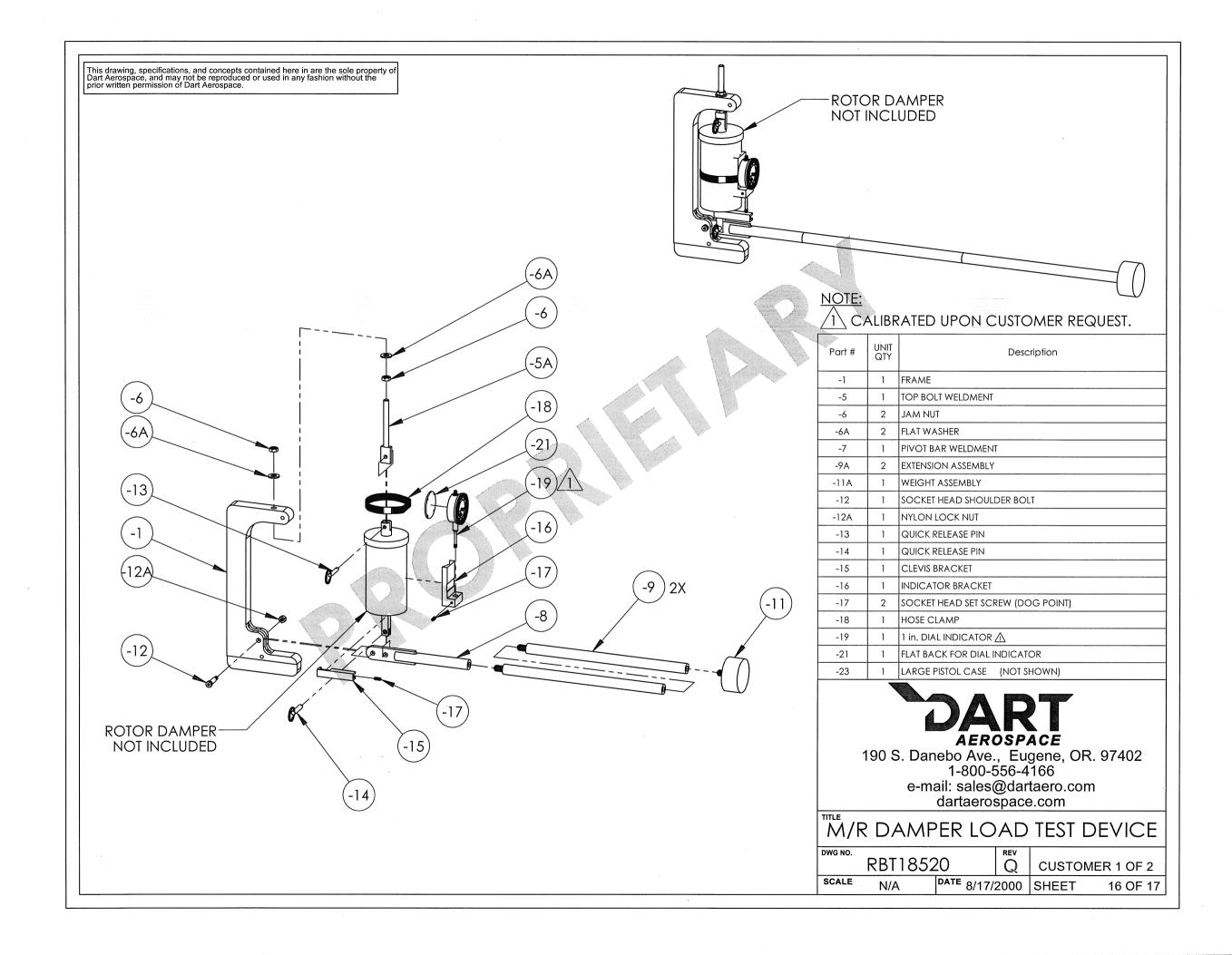
DART

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M/R DAMPER LOAD TEST DEVICE

 DWG NO.
 RBT18520
 REV Q
 WEIGHT TEST 1 OF 1

 SCALE
 N/A
 DATE 8/17/2000
 SHEET
 15 OF 17



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace. **INSTRUCTIONS:** 1. CLAMP -1 TESTER FRAME SECURELY IN A BENCH VISE. 2. ATTACH -16 BRACKET AND -19 DIAL INDICATOR TO OUTER CASE OF DAMPER WITH -18 HOSE CLAMP. 3. ATTACH -15 BRACKET TO DAMPER CLEVIS USING BRACKET SETSCREW. 4. ATTACH DAMPER TO -5 TOP BOLT WITH -13 PIN. 5. ADJUST -19 DIAL INDICATOR TO A POSITION THAT ENSURES ENOUGH TRAVEL FOR TEST. 6. SET INDICATOR DIAL TO ZERO. 7. ATTACH DAMPER CLEVIS TO -7 PIVOT BAR WITH -14 PIN. WEIGHTED ARM SHOULD BE HORIZONTAL AT START OF TEST, IF NOT, ADJUST -5 TOP BOLT ADJUSTING NUTS ACCORDINGLY. 8. CAREFULLY APPLY WEIGHT TO DAMPER AS TO AVOID SHOCK LOADING. REFER TO MDHC MAINTENANCE MANUAL FOR SERVICE LIMITS AND ADDITIONAL INFORMATION. NOTE: SUPPORT WEIGHT ARM SO THAT NO LOAD IS ON THE DAMPER UNTIL YOU ARE READY TO PERFORM THE TEST. 190 S. Danebo Ave., Eugene, OR. 97402 1-800-556-4166 e-mail: sales@dartaero.com dartaerospace.com M/R DAMPER LOAD TEST DEVICE DWG NO. RBT18520 Q CUSTOMER 2 OF 2 DATE 8/17/2000 | SHEET SCALE N/A 17 OF 17